Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 27 Sep 2022 until 23:59 on Wednesday 28 Sep 2022

Forecast Issued on Tuesday 27 Sep 2022 at 01:03

Confidence: High confidence for cool and changeable conditions. Lower confidence in detail of cloud on Wednesday.

Headline for Tuesday 27 Sep 2022: Scattered showers and cold winds.

Mountain weather hazards on Tuesday 27 Sep 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain showers	Clear night
Precipitation probability					
30%	40%	40%	40%	30%	20%

Forecast for Tuesday 27 Sep 2022

Weather: A bright start but cloud likely thickening during the morning to bring a mix of occasional sunny spells and blustery showers. Showers most frequent across the west of the Peaks. Clear spells expected widely during the evening as showers ease. Feeling cold.

Chance of cloud-free hill tops above 600m: 90%.

Low cloud and visibility: Patchy early low cloud possible for northern and western slopes, with bases perhaps down to 300-400m in places. Any patches tending to lift readily by late morning with cloud then largely above summits. Cloud may dip close to, or obscure, some tops above 600m during heavier showers however, with sharp deteriorations in visibility possible. Otherwise visibility remaining very good with clear views of distant hills.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 27 Sep 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/24 W	18/24 W	21/29 NW	20/28 W	17/25 W	14/21 NW	11/19 NW
300	10/15 W	14/21 W	17/26 NW	17/26 W	14/22 W	12/20 NW	7/12 W
Valley	5/16 W	10/20 W	14/28 NW	13/26 W	9/21 W	6/15 W	5/14 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	5/-0	6/1	6/1	6/1	5/0	4/0
300	6/3	7/4	8/5	8/5	8/5	7/4	6/4
Valley	6/5	8/6	9/6	10/7	8/6	7/6	6/4
Freezing Level*	1100m	1200m	1200m	1300m	1300m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Continuing to feel cold given the brisk winds, and some significant wind chill is expected at higher levels, particularly if caught in a shower. Appropriate warm clothing and waterproofs recommended even if remaining at low levels.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 27 Sep 2022	3mm	11.4mm	11.6mm

Forecast for Wednesday 28 Sep 2022

Weather: A chilly but sunny start. Cloud will develop by late morning, thickening during the afternoon to produce spells of rain during the evening. Continuing to feel cool with a fresh to strong north-westerly breeze.

Maximum wind: North-westerly 15-20mph gusting 30mph.

Chance of cloud-free hill tops above 600m: 90%, becoming 40% later in the afternoon and evening.

Low cloud and visibility: Some early low cloud and valley mist possible but lifting quickly, then fine for a time. Into the afternoon cloud tending to thicken and lower towards summits, with bases as low as 500m during the evening. Visibility generally very good, but poor in low cloud and rain later.

Temperature: **Valleys:** Plus 4 Celsius rising to Plus 11 Celsius
At 600m: Plus 3 Celsius rising to Plus 7 Celsius
Freezing level: Above the summits.

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